

3,5(4H,6H)dione; 4-(4-methylthio-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H)-dione; 3-(4-methylthio-2-nitrobenzoyl)-bicyclo[3,2,1]octane-2,4-dione; 4-(2-nitro-4-trifluoromethoxybenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5-(4H,6H)-dione.

⁵
~~19.~~ A method according to claim ³~~17~~ wherein the triketone or dione is 4-(4-chloro-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H)dione.

⁶
~~20.~~ A method according to claim ³~~17~~ further comprising a triazine herbicide.

⁷
~~21.~~ A method according to claim ³~~17~~ wherein the crop is maize.

⁸
~~22.~~ A method according to claim ³~~17~~ wherein the crop is sugar cane.

¹⁰
~~23.~~ A method according to claim 17 wherein the application rate of dimethenamid is from 0.25 to 1.5 kg/ha and the application rate of the triketone or dione herbicide is from 0.1 to 0.6 kg/ha.

¹⁰
~~24.~~ A method according to claim ³~~17~~ wherein the dimethenamid and the triketone or dione herbicide are applied postemergence.

¹
~~25.~~ A herbicidal composition comprising a herbicidally effective aggregate amount of a triketone or dione herbicide and dimethenamid in a weight ratio between 1:2 and 1:10.